

perpendicular to the optical axis of the laser light becomes the narrowest is aligned with a radial direction of the optical recording disk, and a distance between the deflector and the laser light emitting device is adjustable such that an offset between a center of an intensity distribution of the laser light and an optical axis of the objective lens is eliminated; and

b1
end
a lens driver, supported by the supporting frame, the lens driver [for moving] operable to move an objective lens [for conversing] in a focusing direction and a tracking direction of an optical recording disk to converge the laser light deflected by the deflector onto [an] the optical recording disk [in a focusing direction and a tracking direction thereof; and]

[a frame member for supporting the laser light emitting device, the deflector and the lens driver,

wherein the deflector is positioned such that the center of the intensity distribution of the laser light is aligned with the optical axis of the objective lens].

Claims 2 and 3 (Canceled).

b2✓
4. (Currently Amended) A method of manufacturing an optical pickup apparatus, comprising the steps of:

providing a laser light emitting device for recording information on an optical recording disk;

providing a deflector for deflecting laser light emitted from the laser light emitting device as a deflection angle;

providing an objective lens for [conversing] converging the laser light deflected by the deflector onto the optical recording disk;

adjusting the deflection angle such that a direction in which a diverging angle in a first direction perpendicular to an optical axis of the laser light [emitted from the laser emitting device] becomes narrowest is aligned with [the] a radial direction of the optical recording disk;

b7
enc [moving] adjusting the distance between the deflector [in a direction parallel with the optical axis of the laser light such that] and the laser light emitting device to eliminate an offset between a center of an intensity distribution of the laser light [is aligned with] in the first direction and an optical axis of the objective lens; and

securing the deflection angle of the deflector and the distance between the deflector and the laser light emitting device.

5. (Original) The manufacturing method as set forth in claim 4, wherein the adjustment of the deflection angle of the deflector is effected such that the laser light is incident perpendicularly to an aperture of the objective lens.

6. (Original) The manufacturing method as set forth in claim 4, further comprising the steps of:

providing an adjuster for adjusting the deflection angle of the deflector in a first axial direction parallel with a direction in which the diverging angle of the laser light emitted from the laser light emitting device becomes the narrowest and a second axial direction parallel with a

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/512,313

direction in which the diverging angle of the laser light becomes the broadest, and for moving the deflector in the direction parallel with the optical axis of the laser light;

setting the deflector to the adjuster so as to be supported thereby before the adjusting step; and

bonding the deflector onto the frame member after the moving step together with the adjuster supporting the deflector,

wherein the adjusting step and the moving step is effected by the adjuster.

7. (Original) The optical pickup apparatus as set forth in claim 1, wherein the optical axis of the laser light is aligned with the tracking direction when viewed from a direction parallel with the optical axis of the objective lens.

Claims 8-12 (Canceled).

13. (Original) The optical pickup apparatus as set forth in claim 1, wherein the laser light emitting device records information on the optical recording disk with the laser light.

Claim 14. (Canceled).

Please add the following new claim 15:

b3. 15. (New) An optical pickup apparatus manufactured by the method as set forth in claim 4.